

What is claimed is:

1. A remote control system comprising:

a transmitter; and

a movable machine remote-controlled on the basis of a
5 control signal transmitted from the transmitter, and
discriminating at least one combination of the transmitter and
the movable machine to be controlled by the transmitter on the
basis of first identification information transmitted from the
transmitter,

10 wherein the remote control system comprises a recording
medium having characteristic information associated with the
movable machine recorded thereon,

the transmitter comprises:

a characteristic information recognition device for
15 recognizing the characteristic information concerning the
movable machine to be controlled, recorded on the recording
medium; and

a second identification information transmission device
for transmitting second identification information, which
20 specifies the movable machine to be controlled on the basis of
the recognized characteristic information, and

the movable machine comprises:

a discrimination device for determining whether remote
control conducted by the transmitter that has transmitted the
25 second identification information is allowed, on the basis of
the received second identification information; and

a remote control prohibition device responsive to

discrimination that the remote control is not allowed, for prohibiting the remote control by the transmitter that has transmitted the second identification information, irrespective of whether the combination based on the first identification information is established.

2. The remote control system according to claim 1, wherein the recording medium is detachably attached to the transmitter.

10 3. The remote control system according to claim 1, wherein writing into the recording medium is not conducted by users.

4. The remote control system according to claim 1, wherein the movable machine comprises a storage device for storing information based on the characteristic information associated with itself, and

the discrimination device determines whether the remote control is allowed on the basis of the stored information based on the characteristic information of itself and the received second identification information.

5. The remote control system according to claim 1, wherein the movable machine comprises a remote control enabling device for enabling the movable machine to be remote-controlled on the basis of the first identification information after the discrimination device has judged the remote control to be allowed.

6. The remote control system according to claim 5, wherein the movable machine comprises a discriminant for determining whether the movable machine should operate on the basis of the control signal, and

5 the remote control enabling device enables the remote control on the basis of the first identification information, by controlling the discriminant.

7. The remote control system according to claim 5, further comprising:

10 a transmitter excluding device for disabling the remote control conducted by another transmitter except for the transmitter enabled first by the discrimination device, even if the other transmitter is the transmitter to control the movable machine on the basis of the first identification information.

8. The remote control system according to claim 7, wherein the transmitter excluding device disables the remote control conducted by the other transmitter, by using information based on transmission timing of the control signal transmitted by the transmitter.

9. The remote control system according to claim 1, wherein the characteristic information comprises information concerning control laws characteristic to the movable machine associated with the characteristic information, and

25 the transmitter comprises a control signal transmission

device for creating a control signal based on the control laws and transmitting the created control signal.

10. A movable machine moved by a control signal supplied from
5 a transmitter, which is combined with the movable machine on the basis of first identification information, the movable machine comprising:

a recording medium having characteristic information of the movable machine itself recorded thereon;

10 a discrimination device responsive to transmission of second identification information based on the characteristic information transmitted from the transmitter that has recognized the characteristic information through the recording medium, for determining whether remote control conducted by the
15 transmitter that has transmitted the second identification information is allowed, on the basis of the received second identification information; and

a remote control prohibition device responsive to discrimination that the remote control is not allowed, for
20 prohibiting the remote control by the transmitter that has transmitted the second identification information, irrespective of whether a combination based on the first identification information is established.

25 11. The movable machine according to claim 10, wherein the recording medium can be separated from the movable machine.

12. The movable machine according to claim 10, wherein the discrimination device determines whether the remote control conducted by the transmitter that has transmitted the second identification information is allowed, on the basis of
5 information based on the characteristic information of itself and the received second identification information.

13. A transmitter for remote-controlling a movable machine combined as a control object with the transmitter subject on
10 the basis of first identification information, the transmitter comprising:

a characteristic information recognition device for recognizing characteristic information of the movable machine recorded on a recording medium; and

15 a second identification information transmission device for transmitting second identification information, which specifies the movable machine to be controlled, on the basis of the recognized characteristic information.

20 14. A remote control system comprising:

a transmitter and a movable machine remote-controlled on the basis of a control signal transmitted from the transmitter,

wherein the remote control system comprises a recording medium having characteristic information associated with the
25 movable machine recorded thereon,

the transmitter comprises:

a characteristic information recognition device for

recognizing the characteristic information associated with the movable machine to be controlled; and

a movable machine specification information transmission device for transmitting movable machine specification information that specifies the movable machine to be controlled, on the basis of the recognized characteristic information, and the movable machine comprises:

a discrimination device for determining whether remote control conducted by the transmitter that has transmitted the movable machine specification information is allowed, on the basis of the received movable machine specification information; and

a remote control prohibition device responsive to discrimination that the remote control is not allowed, for prohibiting the remote control by the transmitter that has transmitted the movable machine specification information.

15. The remote control system according to claim 14, wherein the recording medium is detachably attached to the transmitter.

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16. The remote control system according to claim 14, wherein the characteristic information comprises information concerning control laws characteristic to the movable machine associated with the characteristic information, and

25 the transmitter comprises a control signal transmission device for creating the control signal based on the control laws and transmitting the created control signal.

17. A movable machine moved by a control signal supplied from a transmitter, the movable machine comprising:

5 a recording medium having characteristic information of the movable machine itself recorded thereon;

a discrimination device responsive to transmission of identification information based on recognized characteristic information transmitted from the transmitter that has recognized the characteristic information from the recording medium, for
10 determining whether remote control conducted by the transmitter that has transmitted the identification information is allowed, on the basis of received identification information; and

a remote control prohibition device responsive to discrimination that the remote control is not allowed, for
15 prohibiting the remote control by the transmitter that has transmitted the identification information.

18. The movable machine according to claim 17, wherein the recording medium is detachably attached to the movable machine.

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19. The movable machine according to claim 17, wherein the discrimination device determines whether the remote control conducted by the transmitter that has transmitted the identification information is allowed, on the basis of
25 information based on the characteristic information of itself and the received identification information.

20. A transmitter for remote-controlling a movable machine,
the transmitter comprising:

a characteristic information recognition device capable
of recognizing characteristic information of the movable machine
5 recorded on a recording medium; and

an identification information transmission device for
transmitting identification information, which specifies the
movable machine to be controlled on the basis of the recognized
characteristic information.

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